

FIG. 1

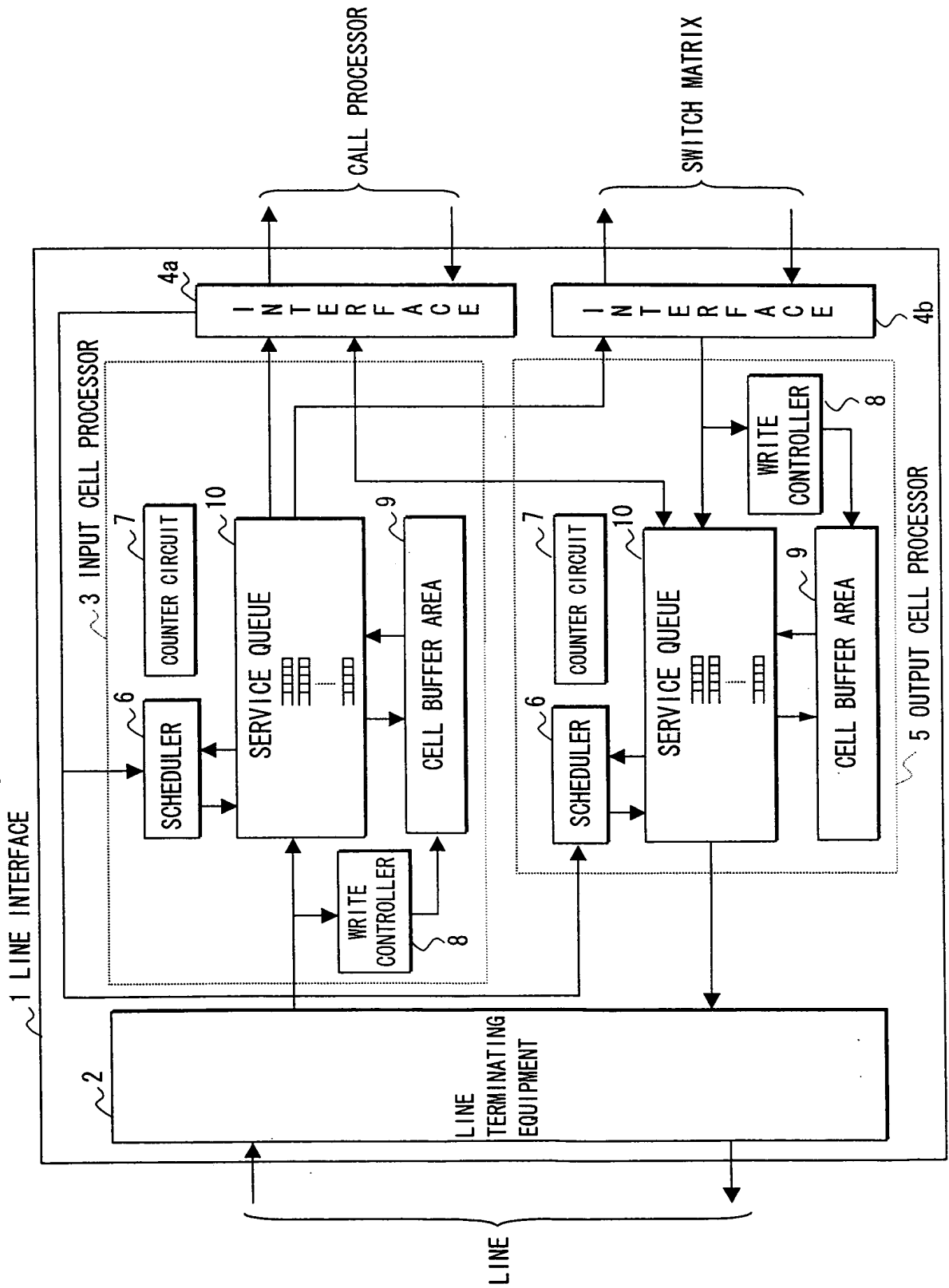
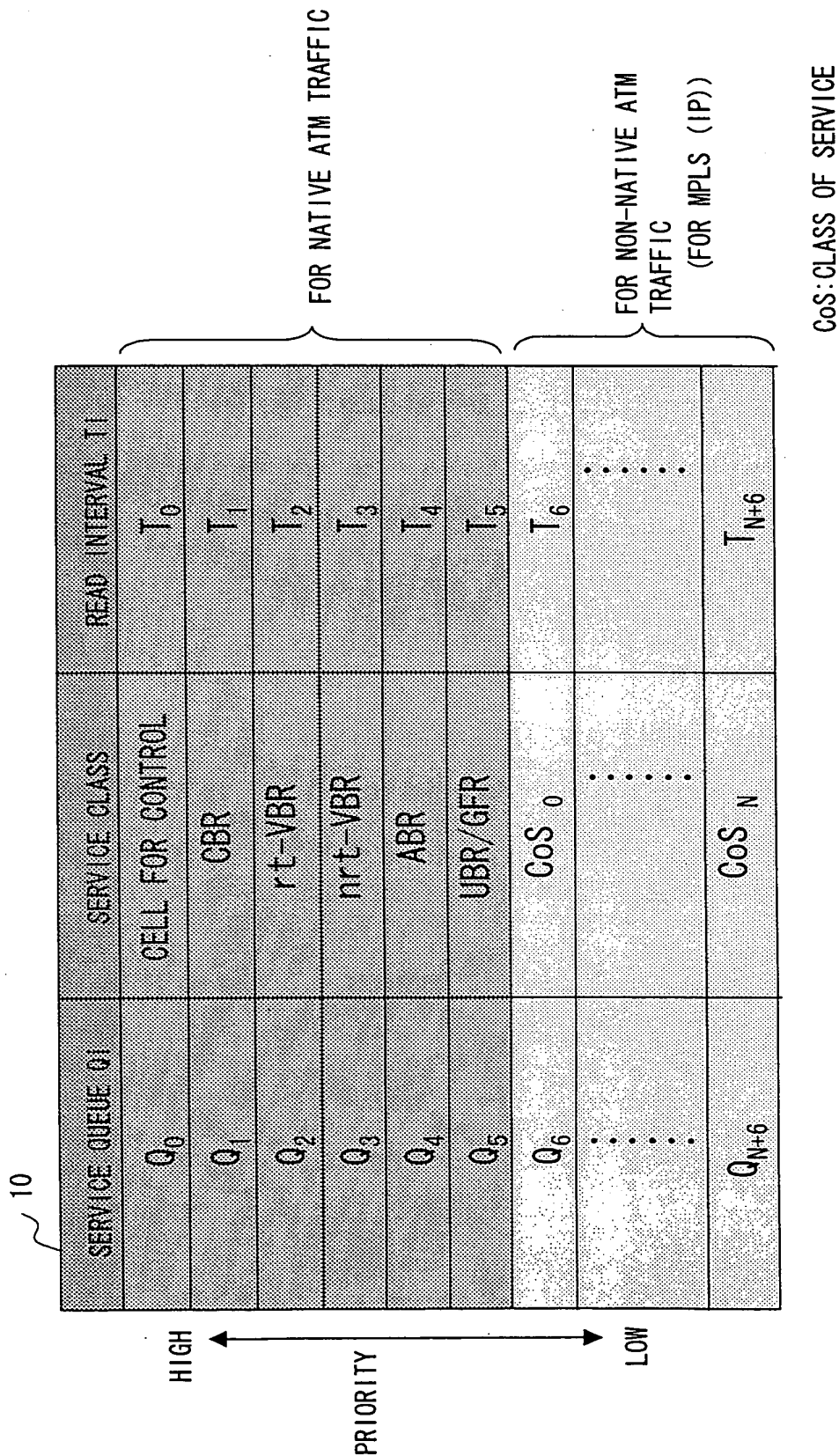


FIG. 2



F466③

FIG. 3

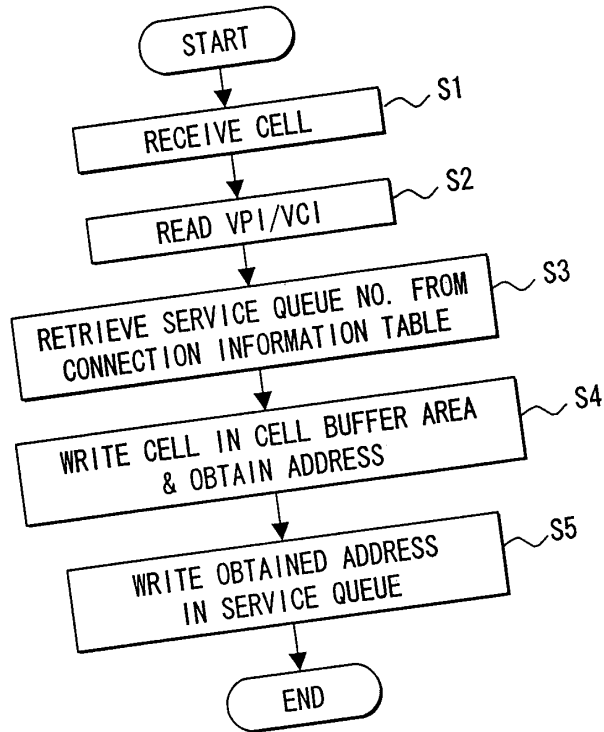


FIG. 4

ENTRY NO.	VPI	VCI	SERVICE QUEUE NO.
0	15	13	Q ₄
1	21	19	Q ₆
⋮	⋮	⋮	⋮

FIG. 5

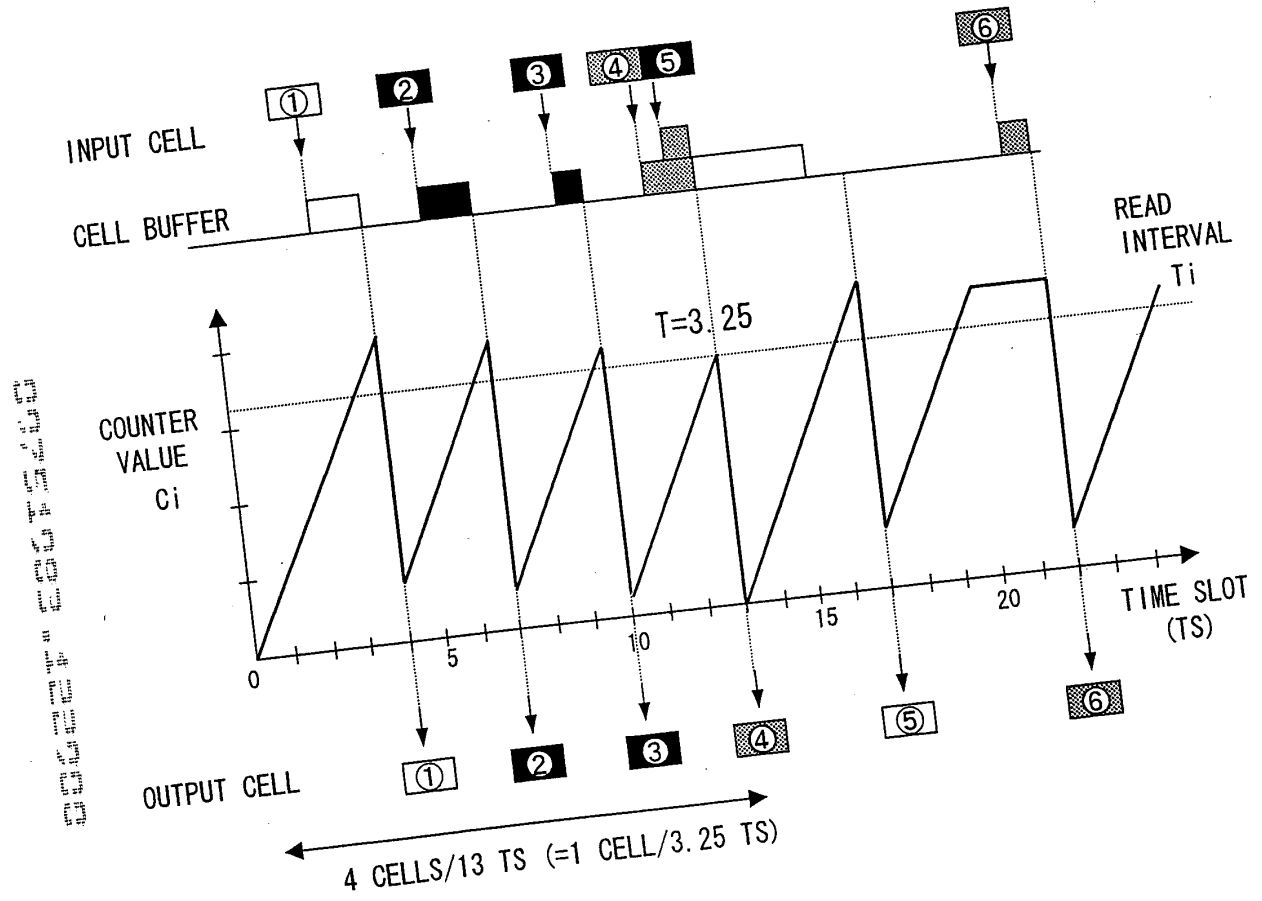


FIG. 6

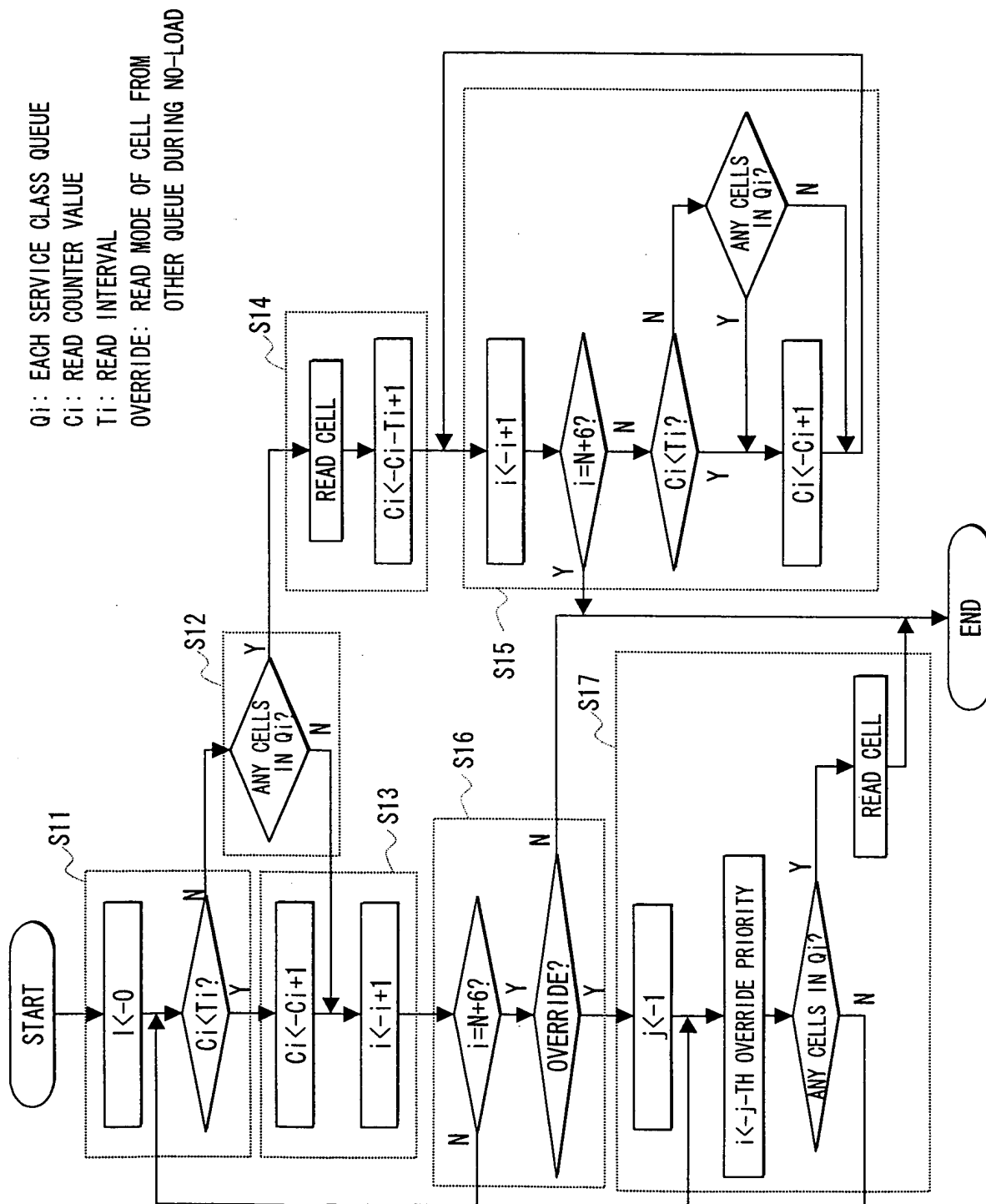
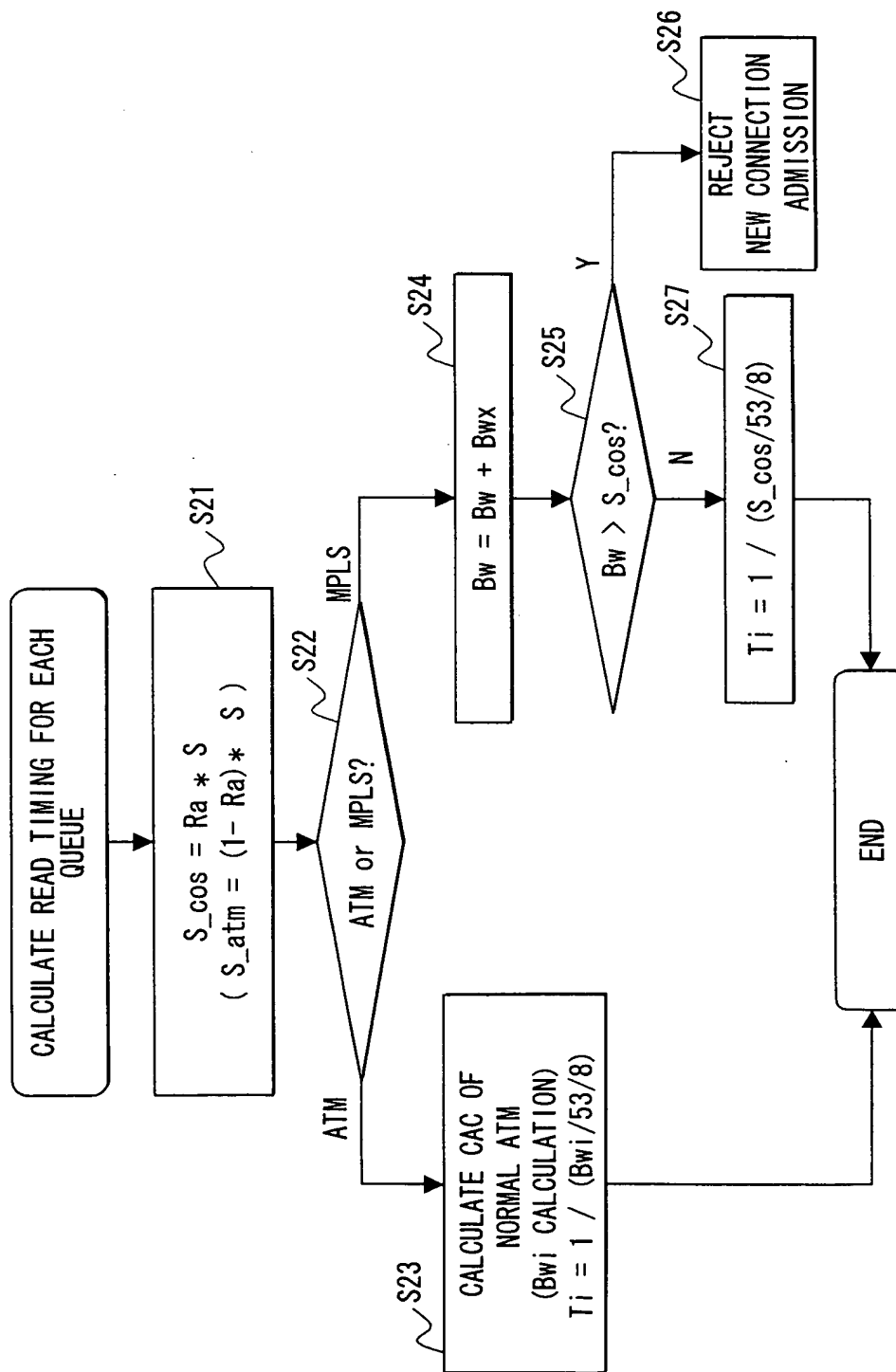


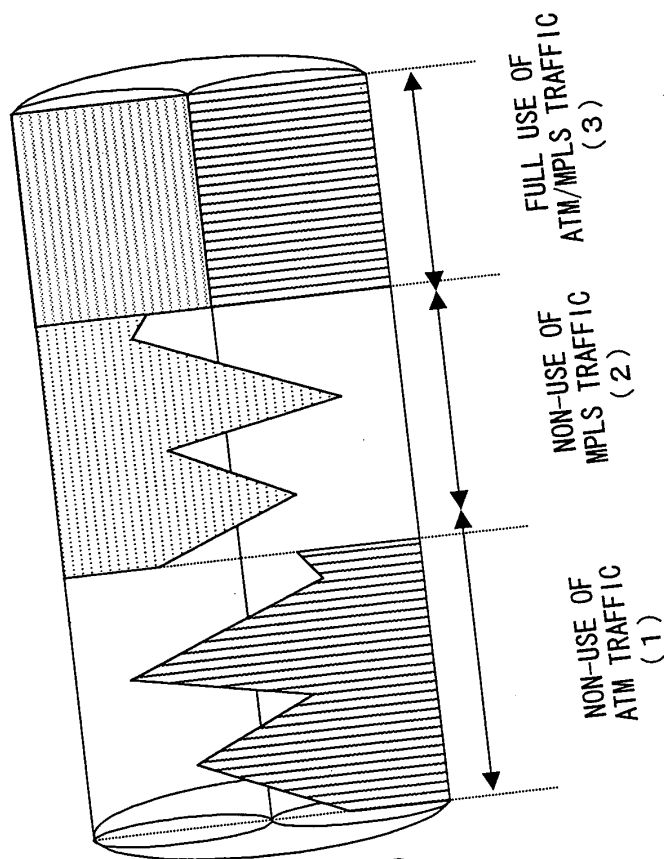
FIG. 7



S: PHYSICAL LINK BANDWIDTH
 Ra: BANDWIDTH ALLOCATION RATE FOR MPLS
 S_cos: BANDWIDTH FOR MPLS
 S_atm: BANDWIDTH FOR ATM SERVICE
 Bwi: READ BANDWIDTH FROM EACH SERVICE QUEUE
 Bw: BANDWIDTH DEMANDED BY EACH CONNECTION OF MPLS
 Bwx: BANDWIDTH DEMANDED BY NEWLY ADMITTING CONNECTION

03444 03444 03444

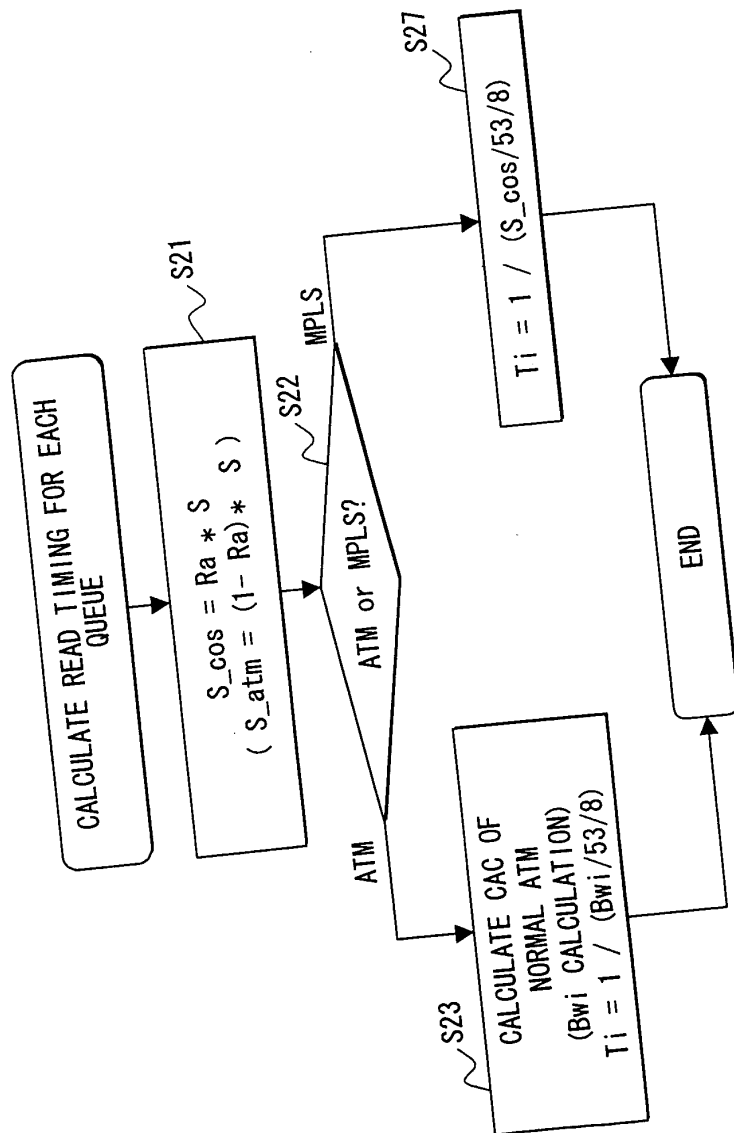
FIG. 8



BANDWIDTH FOR ATM : 50%
(= 75Mbps = 150Mbps - 75 Mbps)

BANDWIDTH FOR MPLS : 50%
(= 75Mbps = 150Mbps * 0.5)

FIG. 9



S: PHYSICAL LINK BANDWIDTH

Ra: BANDWIDTH ALLOCATION RATE FOR MPLS

S_cos: BANDWIDTH FOR ATM SERVICE

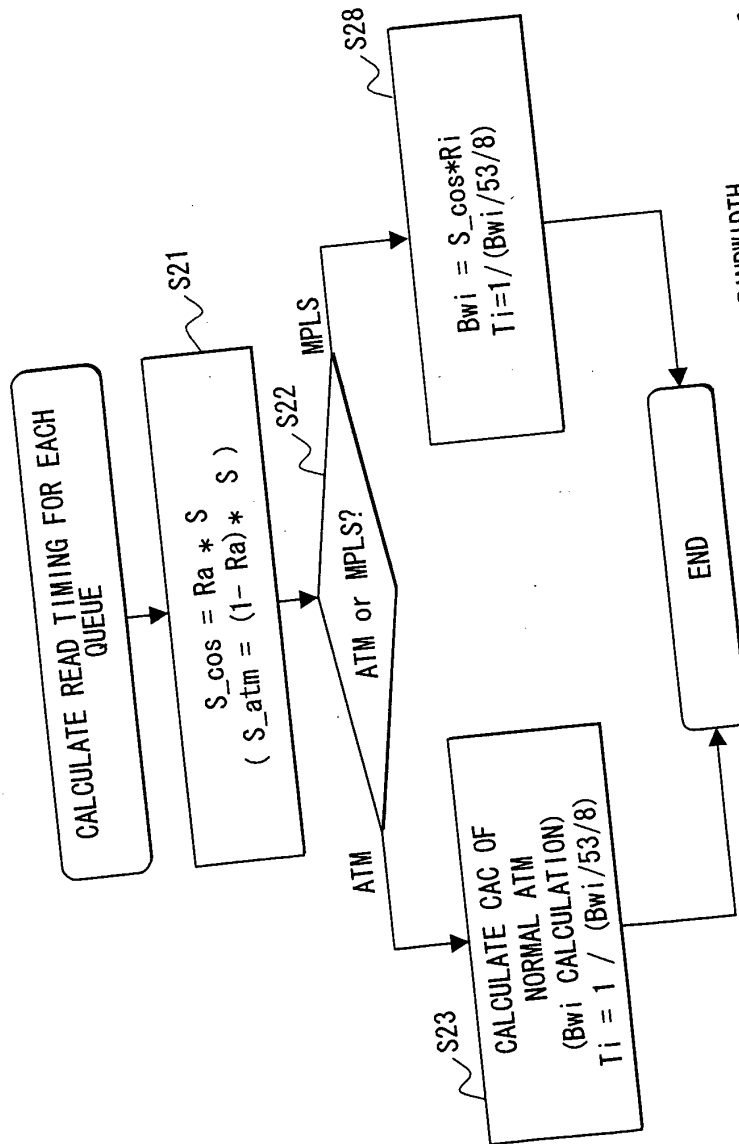
S_atm: BANDWIDTH FROM EACH SERVICE QUEUE

Bwi: READ BANDWIDTH DEMANDED BY EACH CONNECTION OF MPLS

Bw: BANDWIDTH DEMANDED BY NEWLY ADMITTING CONNECTION

Bwx: BANDWIDTH

FIG. 10



S: PHYSICAL LINK BANDWIDTH
 Ra: BANDWIDTH ALLOCATION RATE FOR MPLS
 S_cos: BANDWIDTH FOR ATM SERVICE
 S_atm: BANDWIDTH FROM EACH SERVICE QUEUE
 Bwi: READ BANDWIDTH ALLOCATION RATE FOR PRIORITY i
 Ri: BANDWIDTH ALLOCATION RATE FOR PRIORITY i

FIG. 11

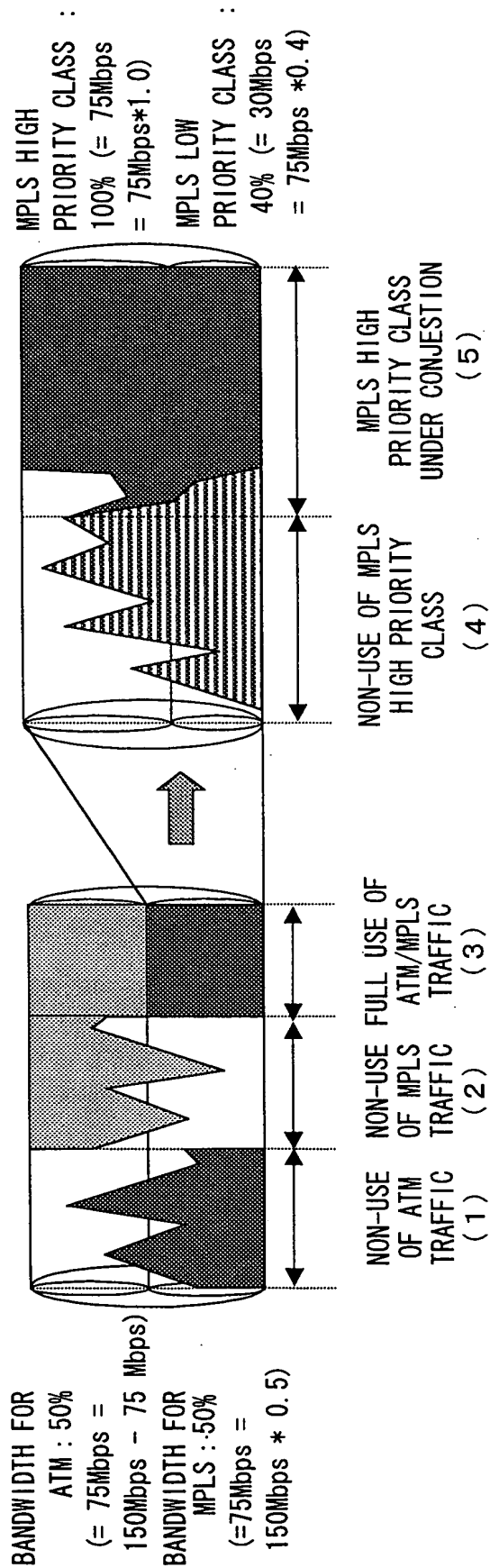


FIG. 12

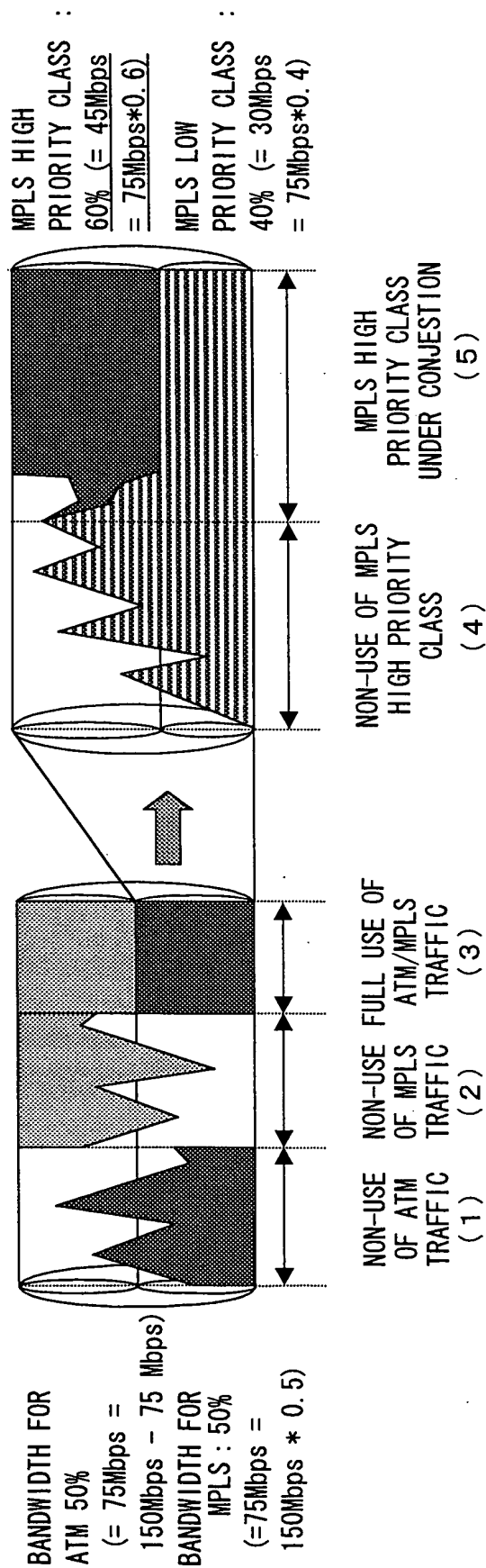
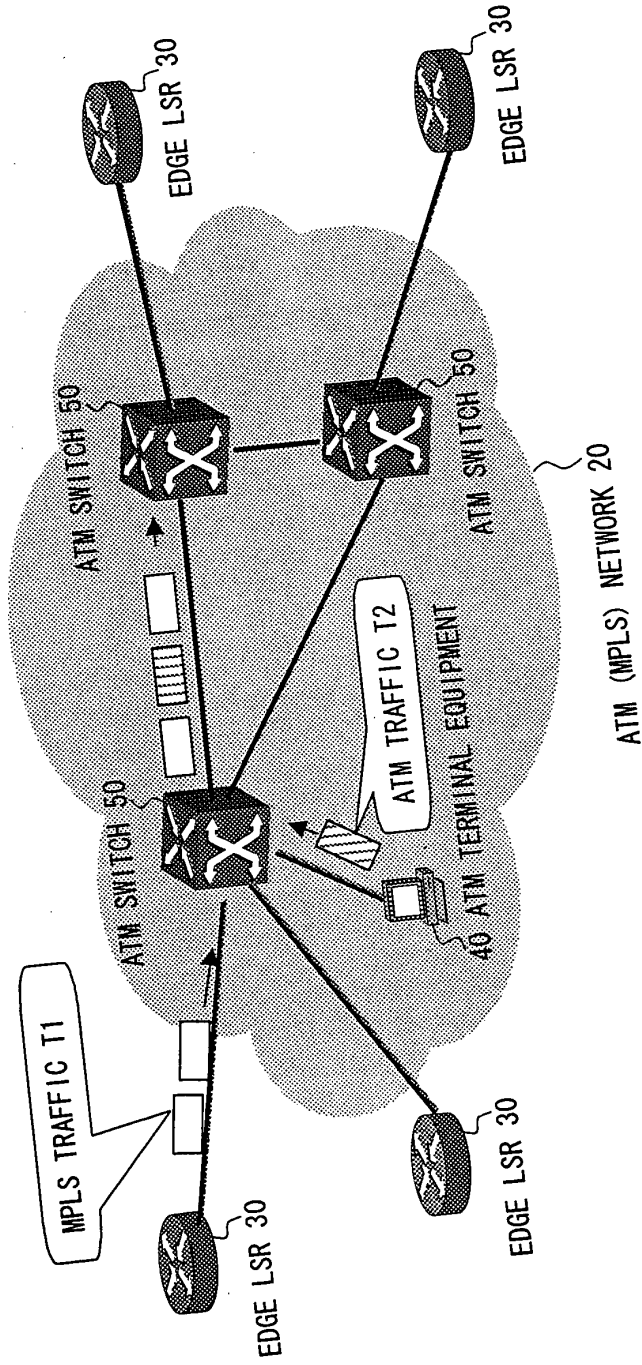


FIG. 66

FIG. 13



LSR: LABEL SWITCHING ROUTER

FIG. 14

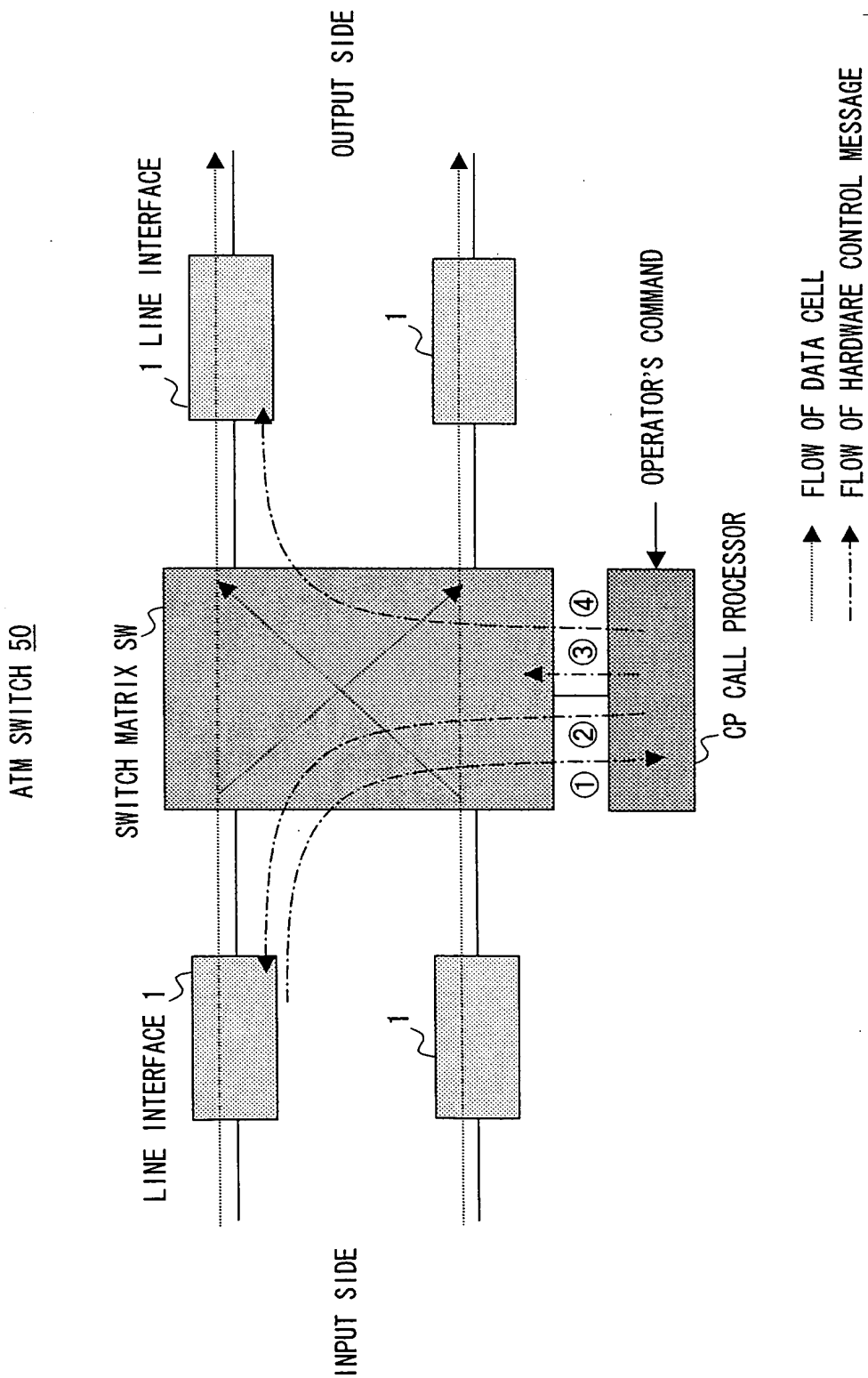


FIG. 15

